

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009662**Date Inspected:** 09-Oct-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. Chen ying xin**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance(QA) Inspector, Baskar Govindarajan, was present during the times noted above for observations relative to the work being performed.

Machining area

1.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040723 perform FCAW welding on, rib plate inside 89 mtr. Elevation double diaphragms, East tower, lift 3, weld joint identified as ESD1-FBSA3-2 B/C-11, 12. ZPMC CWI Identified as Mr. Li hong fei . The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2332-TC-P4-F.

2.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 052930 perform FCAW repair welding on, rib plate between stiffeners, inside 89 mtr. Elevation double diaphragms, south tower, lift 3, weld joint identified as SSTL3- 1C/K-98. ZPMC CWI Identified as Mr. Wan wen zhong . The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-345-FCAW-2G (2F)-repair.

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3.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 052493 perform SMAW welding on, Spare strut flange to web, Weld joint no. ND1-A 6002-18-8A. ZPMC CWI Identified as Mr. Chen ying xin . The welding parameters as measured using QC's calibrated instruments appeared to be in

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general compliance with WPS-B-T-3212-TC-U5B-1.

Trial assembly area

4.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 067609 perform SMAW welding on, Doubler plate in Skin A to façade plate, East tower, lift 1. ZPMC CWI Identified as Mr. Wang xiao bing. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-4114.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge, Sinevod - 134-8257-0045, who represents the Office of Structural Materials for your project.

Inspected By:	Baskar,Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
